16708 LORAN-C OVERPRINTED

Formerly C&GS 8519, 1st Ed., Mar. 1906

UNITED STATES
ALASKA - SOUTH COAST

PRINCE WILLIAM SOUND

PORT FIDALGO AND VALDEZ ARM

Mercator Projection
Scale 1:79,291 at Lat. 60°50'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

The contour lines are hill shapes, sketched to afford the navigator a generalized indication of the character of the land forms. They should not be relied upon as lines of equal elevation.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.900" southward and 7.316" westward to agree with this chart.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable but for most stations is usually 20 to 40 miles from the antenna site.

Cordova	WXJ-79	162.55 MHz
Valdez	WXJ-63	162.55 MHz

NOTE D
Hydrography from reconnaissance surveys by the United States Geological Survey from May 1973 to August 1977.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

LORAN LINEAR INTERPOLATOR

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7960 .... 79,600 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M .... Master
W .... Secondary
X .... Secondary
Y .... Secondary
Z .... Secondary
EXAMPLE: 7960-X

RATES ON THIS CHART
7960-X 7960-Y

The Loran-C lines of position overprinted on this chart have been prepared for use with ground wave signals and are presently compensated only for theoretical propagation delays which have not yet been verified by observed data. Mariners are cautioned not to rely entirely on the lattices in inshore waters. Skywave corrections are not provided.

TIDAL INFORMATION

Place: Name	(Lat/Long)	Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)	Extreme Low Water (feet)
Snug Corner Cove, Port Fidalgo	(60°44'N/146°39'W)	12.0	11.0	1.5	-5.0
Landlocked Bay, Port Fidalgo	(60°51'N/146°32'W)	11.9	10.9	1.4	-5.0
Ellamar, Tatitlek Narrows	(60°54'N/146°42'W)	11.9	11.0	1.5	-5.0
Rocky Point, Valdez Arm	(60°57'N/146°46'W)	12.1	11.1	1.5	-5.0
Valdez	(61°08'N/146°22'W)	12.1	11.1	1.5	-6.0

(1188)

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

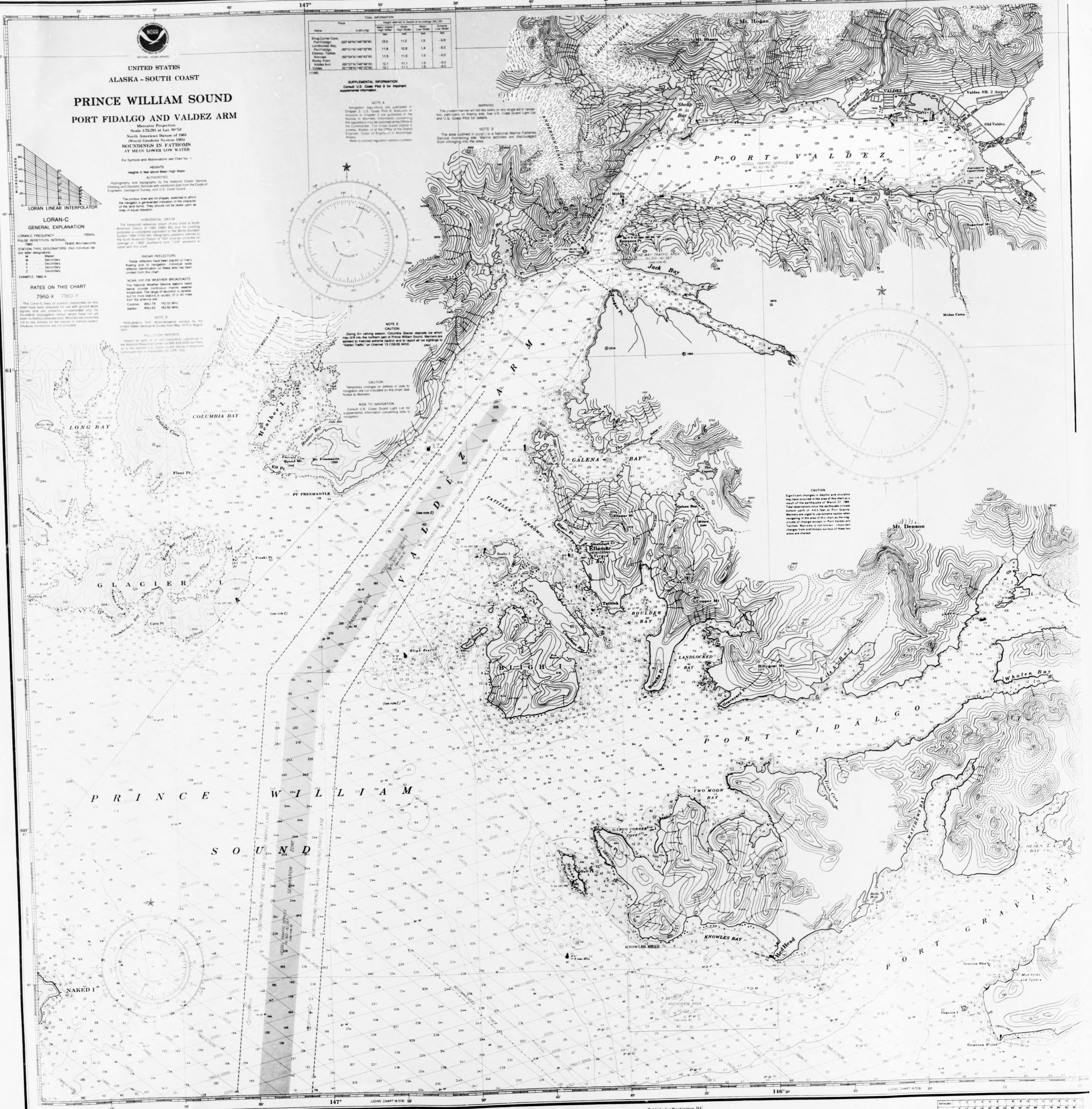
NOTE B
The area outlined in purple is a National Marine Fisheries Service monitoring site. Marine activities are discouraged from infringing into the area.

NOTE E
CAUTION
During the calving season, Columbia Glacier deposits ice which may drift into the northern part of Prince William Sound. Mariners are advised to exercise extreme caution and to report all ice sightings to "Valdez Traffic" on Channel 13 (156.65 MHz).

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION
Significant changes in depths and shoreline may have occurred in the area of this chart as a result of the earthquake of March 27, 1964. Tidal observations since the earthquake indicate bottom uplift of +4.3 feet at Port Gravina. Mariners are urged to use extreme caution when navigating in the area of this chart as the magnitude of change except in Port Valdez and Tatitlek Narrows is not known. Important changes from preliminary surveys of these two areas are charted.



SOUNDINGS IN FATHOMS

18th Ed., Feb. 18/89

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

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NATIONAL OCEAN SERVICE

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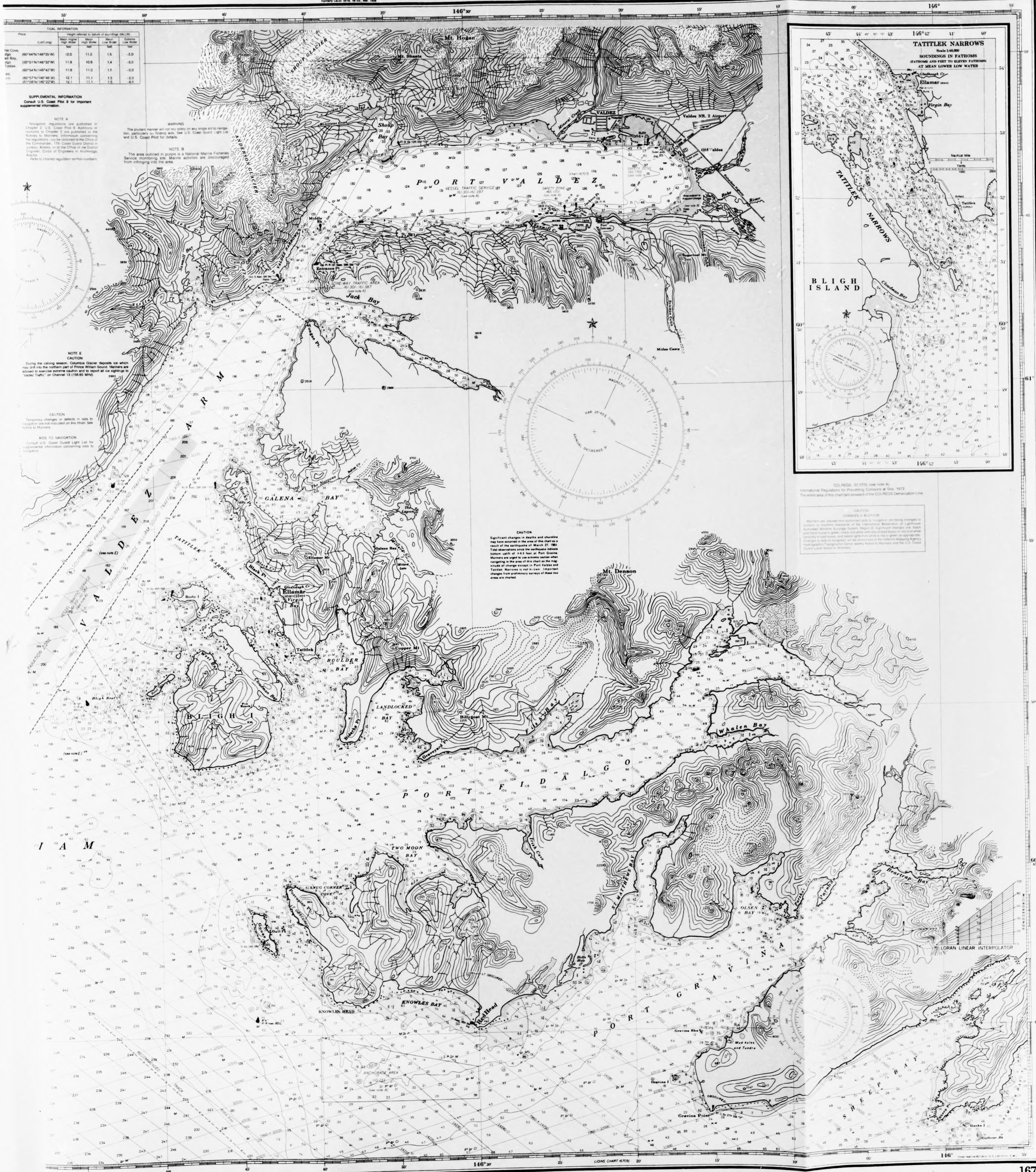
SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 3, Panels L, M



SOUNDINGS IN FATHOMS

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

(Port Fidalgo and Valdez Arm)
SOUNDINGS IN FATHOMS - SCALE 1:79,291

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